

2025 California EIC Consortium Collaboration Meeting

Thursday 9 January 2025 - Friday 10 January 2025

UCLA

Book of Abstracts

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Welcome

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EEC for jet production in pp and pA collisions

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Unbinned unfolding at the EIC

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First-Ever Deployment of a SiPM-on-Tile Calorimeter in a Collider: A Parasitic Test with 200 GeV pp Collisions at RHIC

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Energy-energy correlators in jets across collision systems with ALICE

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Tagging coherent vector-meson production events at the Electron-Ion Collider

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Interpreting u-Channel Cross Sections

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Feasibility Study of Measuring $\Lambda 0 \rightarrow n\pi 0$ Using a High-Granularity Zero-Degree Calorimeter at the EIC

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Noise effects study on ePIC tracking

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Development of a SiPM-on-tile ZDC Prototype

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UC Davis overview

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Finalizing 2024 FNAL Beam Test Results of EIC fEMCal

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SiPM Irradiation and Annealing Studies with UC Davis 88" Cyclotron

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Beam test results for the ALICE ITS3 prototype sensor

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Berkeley overview

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LANL overview

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Partonic distribution functions and amplitudes using tensor network methods

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LLNL overview

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Determination of the $\alpha_s(m_Z)$ and Collins-Soper Kernel from EEC in electron-positron collision

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PYTHIA studies of differential energy-energy correlators

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Closing remarks

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UCLA experiment overview

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UCLA theory overview

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UC Riverside overview

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ECAL Benchmark Tests at UCR

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Position Reconstructions with ZDC Simulations

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Ideas on outreach

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